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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/666,052  
Filing Date: September 17, 2003  
Applicant: William H. Pettit et al.  
Group Art Unit: 1745  
Examiner: Stephen J. Kalafut  
Title: COMBINED AUTOTHERMAL/STEAM REFORMING FUEL  
PROCESSOR MECHANIZATION  
Attorney Docket: 8540G-000004/CPB (formerly 8540G-000108)

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT AND PETITION FOR EXTENSION OF TIME**

Sir:

In response to the Office Action mailed July 26, 2006, please amend the application as follows and consider the remarks set forth below.

Applicants hereby petition under the provisions of 37 C.F.R. § 1.136(a) for a 1-month extension of time in which to respond to the outstanding Office Action and include a fee as set forth in 37 C.F.R. § 1.17(a) with this response for such extension of time.

11/28/2006 MGE BREM1 00000005 070960 10666052

01 FC:1251 120.00 DA

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 16 of this paper.



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Troy, Michigan 48098-2683  
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Metropolitan: Detroit St. Louis Washington, DC

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DATE: November 27, 2006

NO. OF PAGES (INCLUDING THIS PAGE): 40

FOR: Stephen J. Kalafut, Art Unit: 1745

COMPANY: U.S. Patent and Trademark Office

FAX NO.: (571) 273-8300

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FROM: Jeffrey H. Urian

Please let us know by phone or fax if you do not receive any of these pages.

COMMENTS:

Re: U.S. Serial No. 10/666,052  
Filed: September 17, 2003  
Inventor: William H. Pettit et al.  
For: Combined Autothermal/Steam Reforming Fuel Processor Mechanization  
Group Art: 1745  
Attorney Docket No. 8540G-000004/CPB (formerly 8540G-000108)

Dear Examiner Kalafut:

Enclosed herewith is a Transmittal Form, Fee Transmittal (in duplicate) and a 36 page Amendment and Petition for Extension of Time in response to the Office Action dated July 26, 2006.

Should you have any questions or need anything further, please feel free to contact me at (248) 641-1600.

Very truly yours,

Jeffrey H. Urian

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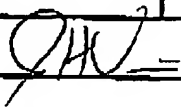
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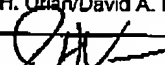
P.2/40

PTO/SB/21 (04-04)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/666,052
	Filing Date	September 17, 2003
	First Named Inventor	William J. Pettit
	Art Unit	1745
	Examiner Name	Stephen J. Kalafut
Total Number of Pages in This Submission	Attorney Docket Number	65403-000004/CPE (formerly 65403-000106) GP-000028

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <p style="text-align: center;">Facsimile cover sheet</p>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	Jeffrey H. Urian
Reg. No.	46,232		
Signature			
Date	November 27, 2006		

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Jeffrey H. Urian/David A. McClaughry	Express Mail Label No.	Sent via Facsimile
Signature		Date	November 27, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**NOV 27 2006**

P. 3/40 11/28/17 (07-06)

Approved for use through 01/31/2007, OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>Effective on 12/08/2004</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b>		<b>Complete if Known</b>	
<h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2006</h3>		Application Number	10/668.052
		Filing Date	September 17, 2003
		First Named Inventor	William J. Pettit
		Examiner Name	Stephen J. Kalafut
		Art Unit	1745
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	8540G-000004/CPB (formerly 8540G-000108) GP-300036
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 120			

**METHOD OF PAYMENT (check all that apply)**

- ☐ Check  
 ☐ Credit Card  
 ☐ Money Order  
 ☐ None  
 ☐ Other (please identify): \_\_\_\_\_
- ☒ Deposit Account  
 Deposit Account Number: 07-0860  
 Deposit Account Name: General Motors Corporation
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☒ Charge fee(s) indicated below                     
 ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s)                     
 ☒ Credit any overpayments
- Under 37 CFR 1.16 and 1.17

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**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
_____ -20 or HP= 0	x _____	= 0
HP = highest number of total claims paid for, if greater than 20.		
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
_____ - 3 or HP= 0	x _____	= 0
HP = highest number of independent claims paid for, if greater than 3.		

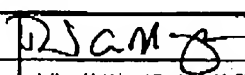
**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	= 0	/ 50 = 0 (round up to a whole number) x		= 0

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge): Extension for reply within first month	120

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	45,232 / 37,885
Name (Print/Type)	Jeffrey H. Urian / David A. McCaughy	Telephone	(248) 841-1800
		Date	November 27, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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